

CONDITIONS FOR UNDERGROUND STORAGE TANK REMOVAL/ABANDONMENT

1. TANKS MAY BE REMOVED ONLY AFTER FIRE DEPARTMENT INSPECTION.
2. Two (2) 20 BC portable fire extinguishers are to be on site within 50' of the operation.
3. Rope or ribbon barricades must be provided circling 10' from the operation or be enclosed in a fenced yard.
4. "No Smoking" signs must be posted in readily visible locations.
5. No hot works allowed unless the tanks are certified gas free. A separate Fire Department permit (Code 491) is required for cutting and welding operations.

PROCEDURES:

1. Call 386-1450, 24 hours prior to removal to arrange for an appointment. Appointments must be confirmed by an Inspector.
2. Permits may cover multiple tanks located at a single inspection area. If additional tanks are to be removed at later dates, separate permits shall be obtained.
3. Additional fees will be charged if inspectors are required to work other than normal business hours. (Normal business hours are 7:30 a.m. to 4:30 p.m.)
4. To ensure tanks are completely free of all flammable or combustible liquids, a receipt or certificate must be on site indicating the tank has been pumped and rinsed with an approved material. Product and rinse water must be disposed of in an approved manner.
5. To ensure that the tank atmosphere has been inerted, one (1) pound of dry ice (Carbon Dioxide) per 50-gallon capacity of the tank must be inserted in the tank. (A 1,000-gallon tank would require 20 pounds of dry ice.) This should be done prior to the use of heavy equipment for excavating.
 - a. Wait a minimum of 60 minutes for dry ice to vaporize. Vapors should begin to show at the fill pipe at this time.
 - b. A Fire Marshal's Office Inspector will test with a Carbon Dioxide Tester. When a reading of 60% CO₂ is achieved, tank removal may begin.
 - c. CO₂ fire extinguishers or compressed gas are not to be used for inerting purposes. This produces static electricity which may result in an explosion.
6. Tanks with baffles to prevent movement of liquid (or tanks without baffles larger than 10,000 gallons) must be certified gas free by a Marine Chemist or a Petroleum Industry Safety Engineer regularly engaged in that business prior to removal.
7. Tanks must be removed from the ground and relocated to a remote, approved facility on the day that the permit is issued.
8. After the tanks are removed, the openings should be sealed so the CO₂ gas will remain in the tank during transit. In addition, tanks large enough to allow a person to enter it to do repair work should be marked on one side with spray paint "NO AIR - INERT GAS".

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